



The Ciro Academy organizes courses, seminars and workshops. This Academy is designed specifically for caregivers who provide professional care for people with chronic organ failure. We discuss the latest scientific insights and research results to help medical professionals to keep developing their expertise.

Application for CME will be made to the NVALT (Dutch chest physicians). The number of credits that you will receive corresponds to your attendance during the course. Please note that you need to sign the register of attendance each day to ensure that you receive the CME credits.

www.ciro-horn.nl/symposium-personalized-medicine

Register at

TheaterHotel De Oranjerie, Kloosterwandplein 12-16, Roermond, The Netherlands

Thursday October 4th



Decipher Medicine Optimize Health

The role of systems medicine in 2025 by Leroy Hood














**Invitation Symposium / 04-10-2018
Personalized medicine and precision medicine in COPD anno 2018**

Symposium

Personalized medicine and precision medicine in COPD anno 2018

This one-day symposium will provide a comprehensive overview of personalized and precision medicine in the management of people with chronic obstructive pulmonary disease (COPD). Moreover, Prof. Dr. Leroy Hood (USA) will give his inspiring view on the role of systems medicine in 2025. You're invited.

| Time | Program | Speaker |
|------------|--|--|
| 08.30 hrs. | <i>Registration + coffee/tea</i> | |
| 08.45 hrs. | Welcome | Martijn Spruit , Scientific Advisor of Ciro, Professor in Rehabilitation of Chronic Organ Failure at Maastricht University Medical Center  |
| 09.00 hrs. | What is personalized medicine and precision medicine? | Emiel Wouters , Chairman of the Board of Directors of Ciro, Professor in Respiratory Medicine at Maastricht University Medical Center  |
| 09.45 hrs. | Endobronchial bronchial valves in emphysema | Dirk Jan Slebos , Chest physician at University Medical Center Groningen  |
| 10.30 hrs. | <i>Break</i> | |
| 11.00 hrs. | Individualizing pulmonary rehabilitation programs for patients with complex COPD | Lowie Vanfleteren , Chest physician at COPD center, Sahlgrenska University, Gothenburg, and Ciro, Horn  |
| 11.45 hrs. | Clustering of patients with COPD | Pierre-Régis Burgel , Professor in Respiratory Medicine, University Paris Descartes  |
| 12.30 hrs. | <i>Lunch</i> | |
| 13.15 hrs. | Multiscale computational modeling in systems biology | Rosa Faner , Junior group leader CIBER Respiratory Diseases  |
| 14.00 hrs. | Integrating multi-omic data for COPD subphenotyping? | Asa Wheelock , Senior Researcher, Department of Medicine, Karolinska Institute  |
| 14.45 hrs. | Alpha-1 anti-trypsin deficiency | David Lomas , Vice Provost (Health), UCL School of Life and Medical Sciences  |
| 15.30 hrs. | <i>Break</i> | |
| 15.45 hrs. | Medico-ethical perspective of P4 medicine | David Townend , Professor of Law and Legal Philosophy in Health, Medicine and Life Sciences  |
| 16.30 hrs. | Keynote lecture: The role of systems medicine in 2025 | Leroy Hood , SVP and Chief Science Officer, Providence St. Joseph Health; Chief Strategic Officer, Co-founder and Professor, ISB; 2011 National Medal of Science Laureate  |
| 17.15 hrs. | Closure and good bye | Frits Franssen , Chest physician at Ciro and Maastricht University Medical Center  |